

WHAT IS CLAIMED IS:

1. A method for providing an electronic status notification message for an output job request, comprising:

receiving the output job request from a submitter; the output job request identifying a document for processing at an output device;

recording a copy of the document and forwarding the output job request to the output device;

applying selected document services to the copy of the document to define an archive of the document;

storing the archive of the document on a document repository;

producing similarity data by evaluating the archive of the document with other documents in the document repository;

receiving job status information concerning the output job request forwarded to the output device;

preparing the electronic status notification message using static and dynamic data concerning the job status information of the output job request and the similarity data of the document archived in the document repository;

transmitting the electronic status notification message to the submitter.

2. The method according to claim 1, further comprising preparing the document in a format suitable for the output device.

3. The method according to claim 1, further comprising receiving a request through the electronic status notification message to create a coversheet on a hardcopy medium.

4. The method according to claim 3, wherein the coversheet includes identified regions for human readable marks that identify classification

information for a knowledge management service, and wherein the coversheet further includes machine readable markings identifying the document and its location in the document repository.

5. The method according to claim 1, wherein the output job request is a null output job request for which no output job is processed at the output device.

6. The method according to claim 1, further comprising receiving a request through the electronic status notification message to perform an additional document service on the document.

7. The method according to claim 6, wherein the additional document service is one of enrichment, translation, summarization, format conversion, and character recognition.

8. The method according to claim 7, wherein the additional document service is specified in the output job request.

9. The method according to claim 1, further comprising receiving a request through the electronic status notification message to submit the document to a server for sharing knowledge with a community of users.

10. The method according to claim 1, wherein the electronic status notification message is one of a mail message, an instant message, and an SMS message.

11. A system for providing an electronic status notification message for an output job request, comprising:

a memory for storing processing instructions; and

a processor coupled to the memory for executing the processing instructions of the system; the processor in executing the document processing instructions:

receiving the output job request from a submitter; the output job request identifying a document for processing at an output device;

recording a copy of the document and forwarding the output job request to the output device;

applying selected document services to the copy of the document to define an archive of the document;

storing the archive of the document on a document repository;

producing similarity data by evaluating the archive of the document with other documents in the document repository;

receiving job status information concerning the output job request forwarded to the output device;

preparing the electronic status notification message using static and dynamic data concerning the job status information of the output job request and the similarity data of the document archived in the document repository;

transmitting the electronic status notification message to the submitter.

12. The system according to claim 1, further comprising preparing the document in a format suitable for the output device.

13. The system according to claim 1, further comprising receiving a request through the electronic status notification message to create a coversheet on a hardcopy medium; wherein the coversheet includes identified regions for human readable marks that identify classification information for a knowledge management service, and wherein the coversheet further includes machine readable markings identifying the document and its location in the document repository.

14. The system according to claim 1, wherein the output job request is a null output job request for which no output job is processed at the output device.

15. The system according to claim 1, further comprising receiving a request through the electronic status notification message to perform an additional document service on the document or to submit the document to a server for sharing knowledge with a community of users; wherein the additional document service is one of enrichment, translation, summarization, format conversion, and character recognition; and wherein the additional document service is specified in the output job request.

16. An article of manufacture for use in a machine comprising:

a) a memory;

b) instructions stored in the memory for providing an electronic status notification message for an output job request, the method comprising:

receiving the output job request from a submitter; the output job request identifying a document for processing at an output device;

recording a copy of the document and forwarding the output job request to the output device;

applying selected document services to the copy of the document to define an archive of the document;

storing the archive of the document on a document repository;

producing similarity data by evaluating the archive of the document with other documents in the document repository;

receiving job status information concerning the output job request forwarded to the output device;

preparing the electronic status notification message using static and dynamic data concerning the job status information of the output job request and the similarity data of the document archived in the document repository;

transmitting the electronic status notification message to the submitter.

17. The article of manufacture according to claim 1, further comprising preparing the document in a format suitable for the output device.

18. The article of manufacture according to claim 1, further comprising receiving a request through the electronic status notification message to create a coversheet on a hardcopy medium; wherein the coversheet includes identified regions for human readable marks that identify classification information for a knowledge management service, and wherein the coversheet further includes machine readable markings identifying the document and its location in the document repository.

19. The article of manufacture according to claim 1, wherein the output job request is a null output job request for which no output job is processed at the output device.

20. The article of manufacture according to claim 1, further comprising receiving a request through the electronic status notification message to perform an additional document service on the document or to submit the document to a server for sharing knowledge with a community of users; wherein the additional document service is one of enrichment, translation, summarization, format conversion, and character recognition; and wherein the additional document service is specified in the output job request.